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T Garfinkel, B Pfaff, J Chow, M Rosenblum, ... - ACM SIGOPS ..., 2003 - portal.acm.org

Page 1. **Terra: A Virtual Machine**-Based Platform for Trusted Computing Tal ... We discuss related work in section 6 and conclude in section 7. 2. **TERRA ARCHITECTURE** At the heart of **Terra** is a **virtual machine** monitor (VMM). Like ...

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A Shieh, D Williams, EG Sirer, FB ... - Proceedings of the ..., 2005 - portal.acm.org

... Since each application requires a full-blown **virtual machine**, this approach does not scale well with increasing numbers of domains (eg applications). **Terra** executes drivers at high privilege, so its TCB is larger than that of **Nexus**. ...

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V Haldar, D Chandra, M Franz - USENIX Virtual Machine Research and ..., 2004 - usenix.org

... Palladium is said to have a high-assurance trusted microkernel running on hardware (called the **nexus**) that provides strong isolation between legacy untrusted and newer trusted applications, as well as among trusted applications. ... **Terra: A virtual machine**-based platform for ...

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M Abadi, T Wobber - Lecture notes in computer science, 2004 - Springer

... it loads a **Nexus** Computing Agent (NCA). The **Nexus** may be implemented, for example, by combining a **virtual-machine** hypervisor with a trusted guest operating system [10,15]. For simplicity, we focus on situations with one ...

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... The **Nexus** provides a very general interface by which ap- plications direct the kernel

to create a protected memory region of a given size, using a given blocksize. ... **Terra**:

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AR Sadeghi, C Stübke, N Pohlmann - Datenschutz und Datensicherheit, 2004 - hgi.rub.de

... comparable component. An alternative **Nexus** ensures the privacy of the user particularly in the context of DRM-capable platforms. **Terra Terra** is a trusted **virtual machine** monitor (VMM) proposed by the Stanford University [11]. The ...

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... Palladium is said to have a high-assurance trusted microkernel running on hardware (called the **nexus**) that provides strong isolation between legacy untrusted ... [15] T. Garfinkel, B. Pfaff, J. Chow, M. Rosenblum, and D. Boneh; **Terra: A virtual machine**-based platform for trusted ...

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G Wei, X Zhou, H Zhang - Proceedings of the 2008 ..., 2008 - doi.ieeecomputersociety.org

... Secure Storage. Leverage the TPM to encrypt the key files in the isolated disks. In this system, **NEXUS** in NGSCB supports it. ... **Terra: A Virtual Machine** Based Platform for Trusted Computing, SOSP'03, Bolton Landing, New York, USA. October19–22, 2003, pp.193-206. ...

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... component. An alternative **Nexus** ensures the user privacy particularly with respect to DRM-capable platforms. **Terra. Terra** is a trusted **Virtual Machine** Monitor (VMM) proposed by Stanford University (Garfinkel et al., 2003). The ...

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